**Soils Review Sheet**

1. Why is soil so important to life?
2. In the grand scheme of Earths makeup, where does soil fit?
3. What resources does soil provide to the Earth?
4. What four basic needs does soil provide for plants?
5. What is organic matter in soil and why is it important?
6. What types of organisms live in soil and why are they important to soil?
7. What affect does climate have on soil?
8. Which glaciers were important to soil formation in Illinois?
9. What affects do the following have on soil formation
   1. Glaciers
   2. Physical weathering
   3. Chemical weathering
   4. Plants
   5. Animals
10. Describe what the following soil parent materials are and what they provide to soil.
    1. Loess
    2. Outwash
    3. Glacial till
    4. Alluvium
    5. Bedrock
    6. Organic
11. What do the following terms mean and how are they related to soil?
    1. Topography
    2. Climate
    3. Tilth
    4. Soil degradation
    5. Salinization
    6. Desertification
    7. Waterlogged
12. What was the Dust Bowl? Why did it happen? What did it teach us?
13. What are the four main components of soil and how do they relate to each other?
14. What are four nutrients should always be tested to determine the fertility of your soil?
15. Why is each of the four nutrients in soil important?